

[54] **CONCEALED FURNITURE HINGE**

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[56] **References Cited**

UNITED STATES PATENTS

3,541,633	11/1970	Heinze	16/164
3,562,853	2/1971	Heinze	16/164
3,590,420	7/1971	Salice	16/164
3,605,173	9/1971	Lautenschlager, Jr.	16/163

3,863,292 2/1975 Grunert et al. 16/164

FOREIGN PATENTS OR APPLICATIONS

712,610 9/1966 Italy..... 16/164

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[57] **ABSTRACT**

This disclosure relates to a concealed furniture hinge having a pair of links, one of which is formed as a pair of tandem link arms articulately connected to each other and having remote ends connected to respective ones of a pair of hinge elements, another link sandwiched between the first mentioned link arms and being pivoted immediately thereto as well as having opposite ends respectively pivotally and slidably connected to the hinge elements whereby when connected to an associated frame and door the hinge is concealed in the closed position of the door while in the open position the door is not only swung through approximately 90° but is also moved away from its associated frame.

18 Claims, 11 Drawing Figures

